J-J

P/C handle Ltr 5/10

JRW

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live

Evan Bayh
Governor
Kathy Prosser
Commissioner

100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015
Telephone 317-232-8603
Environmental Helpline 1-800-451-6027

MAY 05 1994

Dear Storm Water General Permit Rule Applicant:

Re: Amoco Whiting Refinery

Upon review of the Notice of Intent (NOI) letter submitted to the Indiana Department of Environmental Management (IDEM) to comply with 327 IAC 15-5, it has come to our attention that the NOI letter is deficient. The following is a checklist that was used to review the contents. This checkiist summarizes the informational requirements of 327 IAC 15-3-2 and 15-5-5. Any information that was not included in the NOI letter or was unclear has a mark in the "NO" column. An amended NOI letter containing the deficient information must be submitted to the address below within 18 days from the date of this letter.

Indiana Department of Environmental Management
Office of Water Management
Permits Section, Storm Water Desk
100 North Senate Avenue
P.O. Box 6015
Indianapolis, IN 46206-6015

NOTE: ____ If this box is checked the receiving water is listed as an outstanding state resource or an exceptional use water. An individual NPDES permit is required in accordance with 327 IAC 15-2-6. Please submit EPA forms 1 & 2F for an individual storm water permit.

YES	NO		
↘	____	1.	Did you provide the name, mailing address, and location of the facility for which the notification is being submitted?
↘	____	2.	Did you provide the Standard Industrial Classification (SIC) code or other acceptable description?
↘	____	3.	Did you provide the person's name, address, telephone number, ownership status, & status as federal, state, private, public, or other entity? (see 327 IAC 4-1-2 for definition of person).
↘	____	4.	Did you provide either the latitude/longitude or the township, range, section, and 1/4 section?
↘	____	5.	Did you provide the name of receiving waters or name of the municipal operator of the storm sewer and its ultimate receiving water?
↘	____	6.	Did you provide a brief description of the construction project, including a statement of the total acreage of the site?

Hammond Times

4-13-94

PUBLIC NOTICE

This notice is being published to comply with 327 IAC 15-5 ("Rule 5"). Notice is hereby given to all interested parties that construction activity is planned at the following location: A Parcel of land in North Township, Lake County, Indiana. Approximately 25 acres of land will be graded resulting in minimal changes to the site. The site is located in the NW 1/4 of Section 18, Township 37N, Range 8W, in Lake County, Indiana. Dated this 8th day of April, 1994

4/13 8262144

NOTICE OF INTENT (NOI) LETTER

GENERAL PERMIT RELATED TO STORM WATER RUNOFF ASSOCIATED WITH CONSTRUCTION SITE ACTIVITIES

(327 IAC 15-5)

OWNER/OPERATOR INFORMATION

	LAST	FIRST	M.I.
NAME:	Scruggs,	Tim	T.
MAILING ADDRESS	2815 Indianapolis Blvd. MC-141		
CITY	Whiting	ST. IN	ZIP 46394
CONTACT PERSON:	Ron Dippo	TELEPHONE NUMBER: AREA CODE	(219) 473-3110

OWNER TYPE: (SELECT ONE AND TYPE X)

[ ] COUNTY [ ] STATE [ ] FEDERAL

[ ] CITY [X] PRIVATE [ ] SPECIAL DISTRICT

CONTRACTOR INFORMATION

	LAST	FIRST	M.I.	TELEPHONE NUMBER: AREA CODE	NUMBER
NAME:	Senn	Sam	J.	(708)	577-1980

MAILING ADDRESS:	CITY:	ST.	ZIP
500 W. Central #206	Mt. Prospect	IL	60056

CONSTRUCTION SITE INFORMATION

SELECT ONE AND TYPE "X": [X] EXISTING SITE [ ] NEW SITE [ ] CHANGE OF INFORMATION

GENERAL NPDES PERMIT NO.: IN 0000108

FACILITY NAME: Amoco Whiting Refinery

OTHER NPDES PERMIT NUMBERS: (IF APPLICABLE) N/A

MAILING ADDRESS: 2815 Indianapolis Blvd.

TELEPHONE NUMBER: AREA CODE NUMBER (219) 473-3110

CITY:	ST.	ZIP	LATITUDE: (NEAREST 15 SEC.) DEG. MIN. SEC.	LONGITUDE: (NEAREST 15 SEC.) DEG. MIN. SEC.
Whiting	IN	46394	41 38 45	87 30 15

COUNTY:	SECTION: (NEAREST 1/4 SEC.)	TOWNSHIP:	RANGE:
Lake	NW 1/4 S19	37N	9W

SIC OR DESIGNATED ACTIVITY CODE(S):	PRIMARY	2ND	3RD	4TH
	2911			

START CONSTRUCTION DATE:	END CONSTRUCTION DATE:	TOTAL SIZE OF CONSTRUCTION SITE (IN ACRES):	TOTAL AREA OF DISTURBED LAND (IN ACRES):
4/18/94	7/1/94	120	25

TYPE OF CONSTRUCTION

[ ] RESIDENTIAL [ ] COMMERCIAL [ ] INDUSTRIAL [ ] RECONSTRUCTION [ ] TRANSPORTATION [X] OTHER

RECEIVING WATER INFORMATION

DOES YOUR STORM WATER DISCHARGE DIRECTLY TO: (SELECT ONE AND TYPE "X")

[ ] WATERS OF THE STATE OR [ ] STORM SEWER

(X) Stormwater routed through existing NPDES permitted outfall

OWNER OF STORM SEWER SYSTEM:	
NAME OF CLOSEST RECEIVING WATER (IF KNOWN):	Lake George Canal

DOES QUANTITATIVE DATA CURRENTLY EXIST WHICH DESCRIBES THE CONCENTRATION OF POLLUTANTS IN THE STORM WATER DISCHARGES?

[ ] YES [X] NO

"I CERTIFY THAT:

(A) THE EROSION CONTROL MEASURES INCLUDED IN THE EROSION CONTROL PLAN COMPLY WITH THE REQUIREMENTS UNDER SEC. 7 AND 9 OF RULE 5 (327 IAC 15-5) AND THE PLAN COMPLIES WITH APPLICABLE STATE, COUNTY, OR LOCAL EROSION CONTROL REQUIREMENTS;
(B) THE EROSION CONTROL MEASURES WILL BE IMPLEMENTED IN ACCORDANCE WITH THE PLAN;
(C) AN APPROPRIATE STATE, COUNTY OR LOCAL EROSION CONTROL AUTHORITY AND THE SOIL AND WATER CONSERVATION DISTRICT OFFICE HAS BEEN SENT A COPY OF THE PLAN FOR REVIEW;
(D) IMPLEMENTATION OF THE EROSION CONTROL PLAN WILL BE CONDUCTED BY PERSONNEL TRAINED IN EROSION CONTROL PRACTICES."

OWNER/OPERATOR SIGNATURE: T Scruggs DATE: _____

Amoco Oil Company
Whiting Refinery
2815 Indianapolis Boulevard
Post Office Box 710
Whiting, Indiana 46394-0710
219-473-7700

T. T. Scruggs
Refinery Manager

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

April 11, 1994

Mr. Lonnie Brumfield
Chief, Permits Section
Office of Water Management
Indiana Department of Environmental Management
100 N. Senate St.
Indianapolis, IN 46206-6015

Dear Mr. Brumfield:

Notice of Intent to Perform Earthwork

In accordance with 327 IAC 15-5, we are submitting this Notice of Intent to perform earthwork at the Amoco Whiting Refinery, located in the NW 1/4 of Section 19, Township 37 North, Range 9 West, Lake County, Indiana. The area where the proposed project will be accomplished is at the southwest 1/4 of the property, currently utilized for soil storage. No industrial activity associated with the refinery occurs at this area of the facility.

The Refinery is preparing a soil erosion control plan, to be submitted to the Indiana Soil Conservation Service. We are also sending the attached Notice of Intent (NOI), and evidence of public notice placed in the local paper.

Finally, we are enclosing the required fee of $100 with the NOI, as required.

If you have any questions about the NOI or project, please contact Mr. Ron Dippo at 219-473-3110.

Sincerely,

T. T. Scruggs

Enclosures

NG

Amoco Oil Company
Whiting Refinery
2815 Indianapolis Boulevard
Post Office Box 710
Whiting, Indiana 46394-0710
219-473-7700

T. T. Scruggs
Refinery Manager

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

May 17, 1994

Mr. Lonnie Brumfield
Chief, Permits Section
Office of Water Management, Storm Water Desk
Indiana Department of Environmental Management
100 N. Senate Ave., P. O. Box 6015
Indianapolis, IN 46206-6015

Dear Mr. Brumfield:

Amended Notice of Intent to Perform Earthwork

This letter is in response to your May 5, 1994 letter requesting the certification statement which was not included in our April 11, 1994 Notice of Intent (NOI) to perform earthwork at the Amoco Whiting Refinery.

As pertains to Amoco's April 11, 1994 NOI (copy attached), I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If you have any further questions about the NOI or project, please contact Mr. Ron Dippo at 219-473-3110.

Sincerely,

T. T. Scruggs

Enclosures

U.S. Department of Transportation
United States Coast Guard

Commanding Officer
United States Coast Guard
Marine Safety Office

225 West 83rd St., Suite D
Burr Ridge, IL 60521
Phone: (708) 789-5830

STATEMENT FORM

8:55AM CONTACTED OFFICER REENES & INFORMED HIM OF CURRENT STATUS & RESPONSE ACTIONS.

9:00AM ESTIMATE: TOTAL OIL RECOVERED 20BBLS
TOTAL ESTIMATED SPILL 60BBLS

USCG ARRIVED @ 9:20AM

SOURCE OF OIL → INVESTIGATION CONTINUED THROUGH DAY - NO SOURCE IDENTIFIED, BUT OIL SEEN IN FOLLOWING LOCATIONS:

- OIL IN DATE STORM SEWER ON CORNER OF INDY BLVD. & RILEY ROAD
- OIL DIPPING IN CANAL ON SOUTH EAST SIDE OF BRIDGE (CANAL) AT INDY BLVD.

SAMPLES TAKEN OF ALL POINTS & SENT TO LAB FOR ANALYSIS TO AID IN DETERMINATION OF SOURCE

Continue on additional sheets if necessary, or on back of this one

NATALIE R GRIMMER — Natalie R Grimmer — 6/14/94
Printed name of person making the statement — Signature — Date

BOB HAWKINS — [signature] — 6/14/94
Printed name of witness — Signature — Date

Enclosure # ( )

U.S. Department of Transportation
United States Coast Guard

Commanding Officer
United States Coast Guard
Marine Safety Office

215 West 83rd St., Suite D
Burr Ridge, IL 60521
Phone: (708) 789-5830

STATEMENT FORM

OIL SEEN ON CANAL @ 9:40PM ON 6/13/94. THE WHITING REFINERY EMERGENCY RESPONSE TEAM (A-TEAM) CALLED OUT @ 10:00PM. THE FOLLOWING AGENCY NOTIFICATIONS WERE MADE:

9:50PM - EAST CHICAGO. NICK OVORSAK

~~10:10 PM - IDEM 24 HR RESPONSE EMERGENCY (317)233-7745~~

~~10:15 PM - NSFC - (800) 424-8802~~ INCIDENT # 243816
LT. J G LONG WHO CONTACT COASTGUARD MSO CHICAGO

~~DUTY OFFICE DEFNES USCG CALLED @ 10:27 PM~~

~~SHAYA PETRIWFU (IDEM) - CALLED @ 10:45 PM~~

AT 10:45PM A BOOM WAS DEPLOYED ON EAST SIDE OF CANAL & VAC TRUCKS WERE STATIONED ALONG SHORELINE TO CLEAN UP OIL IN CANAL. THROUGHOUT THE NIGHT MORE BOOMS WERE DEPLOYED AND VAC TRUCKS REMAINED ON SITE.

8:45 AM - SHAYA PETRIWFU (IDEM) WAS CONTACTED & INFORMED OF CURRENT STATUS OF SITUATION.

Continue on additional sheets if necessary, or on back of this one

NATALIE R. GRIMMER — Natalie R Grimmer — 6/14/94
Printed name of person making the statement — Signature — Date

Bob Hawkins — By [illegible] — 6/14/94
Printed name of witness — Signature — Date

Enclosure # ( )

of Transportation
United States
Coast Guard

Marine Safety Office

Burr Ridge, IL 60521
Phone: (708) 789-6830

STATEMENT FORM

At approximately 745 AM on June 14, I was notified by Lou Welter that there was oil on the Indiana Ship Canal near Indpls Blvd, and that Amoco's spill response team had been called during the night and was active on the scene. Lou had been on the scene since approximately 10 PM on June 13 as the Incident Commander. I relieved Lou as Incident Commander at about 8 AM on June 14.

Lou informed me that Amoco was overseeing spill clean-up utilizing 3 contractor firms (Ecova, Clean Harbors, & National). Clean-up operations were proceeding okay, and the estimated "spill" on the canal was maybe .10 - 2C Bbls, plus another 40 or 50 Bbls that had been recovered at the state storm sewer separator at the canal and manhole at Riley Rd. All agency notifications

Continue on additional sheets if necessary, or on back of this one

Printed name of person making the statement | Signature | Date

Printed name of witness | Signature | Date

Enclosure # ( )

U.S. Department of Transportation
United States Coast Guard

Commanding Officer
United States Coast Guard
Marine Safety Office

215 West 83rd St., Suite D
Burr Ridge, IL 60521
Phone: (708) 789-5830

STATEMENT FORM

HAD ALSO BEEN MADE, AND THE USCG WOULD BE RESPONDING TO THE SCENE. LOU ALSO SAID THE SOURCE OF OIL IN THE CANAL AND IN THE STORM SEWER HAD NOT BEEN DETERMINE

TUESDAY'S OPERATIONS WERE TO CONTINUE CLEAN-U OF THE CANAL, AND CONTINUE TO INVESTIGATE THE OIL SOURCE. CLEAN-UP PROCEEDED OKAY BUT WAS MILDLY HAMPERED BY WINDS SHIFTING FROM SW TO S, AND OIL RECHARGING TO THE AREA FROM "POPPING" ON THE EAST SIDE OF THE BRIDGE. THUS, IT WAS DIFFICULT TO DETERMINE IF "OLD" OR "NEW" OIL WAS BEING CLEANED. I RECEIVED MIXED ASSESSMENTS FROM THE USCG. ONE WAS THAT THE MAJORITY OF THE OIL CAME FROM THE STORM SEWERS, WITH THE OIL POPPING ONLY A MINOR CONTRIBUTOR. THE SECOND WAS THE EXACT OPPOSITE, AMOCO'S ASSESSMENT WAS THAT THE SOURCE OF OIL

Continue on additional sheets if necessary, or on back of this one

Printed name of person making the statement | Signature | Date

Printed name of witness | Signature | Date

Enclosure # ( )

U.S. Department of Transportation
United States Coast Guard

Commanding Officer
United States Coast Guard
Marine Safety Office

215 West 83rd St., Suite D
Burr Ridge, IL 60521
Phone: (708) 789-5830

STATEMENT FORM

could not be determined.

AS THE DAY PROGRESSED, A SLIGHT SHEEN OF OIL WAS VISIBLE AT THE AMOCO BOAT DOCKS WHERE BARGES WERE TO BE MOVING OUT OR IN OVER THE NEXT 24 HOURS. USCG ADVISED BARGE TRAFFIC COULD NOT MOVE UNTIL THE CANAL & BARGES HAD BEEN CLEANED. THUS, AMOCO BARGES AT THE DOCK REMAINED TIED-UP OVERNIGHT, AND A SAFETY-KLEEN BARGE WAS NOT DOCKED.

AT ABOUT 3³⁰-4PM ON JUNE 14, REGION V EPA STOPPED BY THE SIGHT FOR A SHORT TIME AND APPEARED SATISFIED WITH PROGRESS.

Continue on additional sheets if necessary, or on back of this one

WILLIAM L GIBSON — 6-16-94
Printed name of person making the statement — Signature — Date

John R. White — 6/16/94
Printed name of witness — Signature — Date

Enclosure # ( )

A Well Point Dewatering System is being used in specific areas to collect groundwater likely to be contaminated with substances (oil, etc.) that have been spilled over the years. This flow is routed through the wastewater treatment plant and discharged through Outfall 001.

Water treatment additives in use have been reviewed and do not appear to contain toxic materials in significant amounts. In the event that changes are to be made in the use of water treatment additives, the permittee shall notify the Indiana Department of Environmental Management as required by Part II.C.1 and II.C.7 of the permit.

Receiving Waters

Since Outfalls 001 and 002 and the associated mixing zones are not located within an inscribed arc having a 6,000 feet radius drawn from Day Marker No. 2, located at the mouth of the Indiana Harbor in accordance with 327 IAC 2-7, the receiving waters are accordingly classified as open waters of Lake Michigan rather than Inner Harbor Basin waters. Lake Michigan is the receiving body for the refinery's discharge of treated wastewater (includes contact process water, process area stormwater runoff, cooling tower blowdown, ballast water, contaminated groundwater from the wellpoint system and external terminal and facility water) and once-through-noncontact cooling water.

The waters of the Lake George Branch of the Indiana Harbor Ship Canal are covered by regulation 327 IAC 2-8, "Grand Calumet River and Indiana Harbor Ship Canal."

The Lake George Branch receives a variable amount of stormwater runoff from the Old J&L Highlands storage area via Outfalls 003 and 004.

As a result of production figures supplied by the permittee representing the high month for the past 12-months, the throughput of 324,900 BSD will be used for determination of the sizing factor and process factor. This single production value is then to be multiplied by both the daily maximum and monthly average guidelines limitations along with these other two factors to obtain permit limits.

Facility Intake Water and Water Use

The intake water for this facility amounts to approximately 127-MGD from Lake Michigan. The two intake structures extend approximately 1,600 feet out into Lake Michigan and are approximately five feet off the bottom and fifteen feet below the mean lake level. This intake water is utilized in one of several different ways. It is used either as once-through-noncontact cooling water (approximately 130-MGD), contact process water (approximately 20-MGD), or as cooling tower makeup water (approximately 6-MGD). Water for other plant services (i.e., drinking water, sanitary purposes) comes from the Hammond-Whiting water treatment plant. (See water and wastewater balance sheet on page 5 for specific information.)

Wastewater Treatment and Discharge Description

Wastewater collection facilities consist of 3 main sewer systems: a sanitary sewer; a process contact water sewer; and a cooling, noncontact water sewer. The stormwater that collects in the entire refinery area can be treated and discharged through Outfall 001. Approximately 700,000 gpd of sanitary wastes are discharged to the Whiting sanitary sewer system. In the case of an emergengy, a portion of this total may be treated at the WWTP and discharged through Outfall No. 001. Process waters (polybutene unit wastewater when operational) along with stormwater runoff are treated by passing these waters through primary separation, dissolved air flotation (DAF), stormwater surge/equalization, coagulation/flocculation, DAF, an activated sludge process, and filtration before being discharged to Lake Michigan via Outfall 001 or recycled if interruption of intake water supply occurs. Clarified scrubber water from the incinerator is also discharged through Outfall No. 001. (See Wastewater Treatment Plant Water Flows Diagram on page 6 for specific information.) Disposal of API sludge, DAF float, and ASP sludge is accomplished in a fluid bed incinerator. The ash remaining from the incineration process is landfilled along with any hazardous wastes that are generated at the plant. Once-through-noncontact cooling waters are treated in a series of oil-water separators prior to discharge to Lake Michigan via Outfall 002.

The old J&L Highlands dump area (west of Indianapolis Boulevard and south of 129th Street) was used by Amoco to dispose of spent caustic. This area has been closed to dumping and Amoco now has storage tanks and a repository for inert materials located there. Stormwater runoff from this area is discharged after oil-water separation through Outfalls 003 and 004 (to Lake George Branch of Indiana Harbor Ship Canal) and/or routed to the WWTP and discharged through Outfall No. 001.

Attachment II

Description of Existing Discharge — Outfall 001

General

The permittee employs approximately 1,800 people at a petroleum refinery located in Whiting, Indiana. The Amoco facility is classified as a "Lube" refinery having a capacity of 324,900 barrels per day based upon the Form 2C application, (see page 10 for a more complete breakdown). The facility is located on the shores of Lake Michigan, approximately twenty miles from downtown Chicago.

The facility receives crude oil by pipeline and refines it into a variety of products including gasoline, heating fuel, jet fuel, diesel fuel, lubricating oils, asphalt, coke, and waxes. Products may be stored prior to shipment by truck, ship, or pipeline.

The facility discharges continuously to Lake Michigan via Outfall Nos. 001 and 002. Outfall 001 discharges the treated process (contact) water from the entire refinery, including stormwater runoff from the processing areas. Outfall 002 discharges once-through-noncontact cooling waters from power stations, pipe stills, vapor recovery units, the sulfur recovery unit, the alkylation unit, the heavy oils division, and the asphalt area. Stormwater runoff from the oil storage tank area, the J & L Highlands Area, and a repository for inert materials (i.e., concrete rubble, topsoil, etc.) is discharged intermittently to the Lake George Branch of the Indiana Harbor Ship Canal via Outfall Nos. 003 and 004.

Activity Description

The Standard Industrial Classification code number for this facility is 2911, Petroleum Refining. It is subcategorized as a Lube Refinery (Subpart D - Lube Subcategory of 40 CFR Part 419, Petroleum Refining Point Source Category promulgated October 18, 1982). Part 419 guidelines were subsequently altered by the Petroleum Refinery Settlement agreement of April 17, 1984, effective May 1, 1984. The addition of the Polybutene/MTBE unit within the last several years did not alter the facility's classification as a lube refinery. In order to be reclassified as an integrated facility, petrochemical operations would need to account for 15% or more of the facility's total production. However, petrochemical operations only account for approximately 5% of total production.

This refinery can process (maximum short term capacity) 410,000 barrels of feedstock (crude oil) fed to topping units per stream day (BSD). However, the guidelines provide for calculation of any permit limitations, standards, or prohibitions which are based on production shall be based not upon designed production capacity but rather upon a reasonable measure of actual production of the facility (i.e., high month for past 12-months or the high year for the past 5-years) for the duration of the proposed permit. (See the attached process configuration breakdown on page 10 for specifics.)

Amoco Oil Company Whiting Refinery
Wastewater Treatment Plant Water Flows

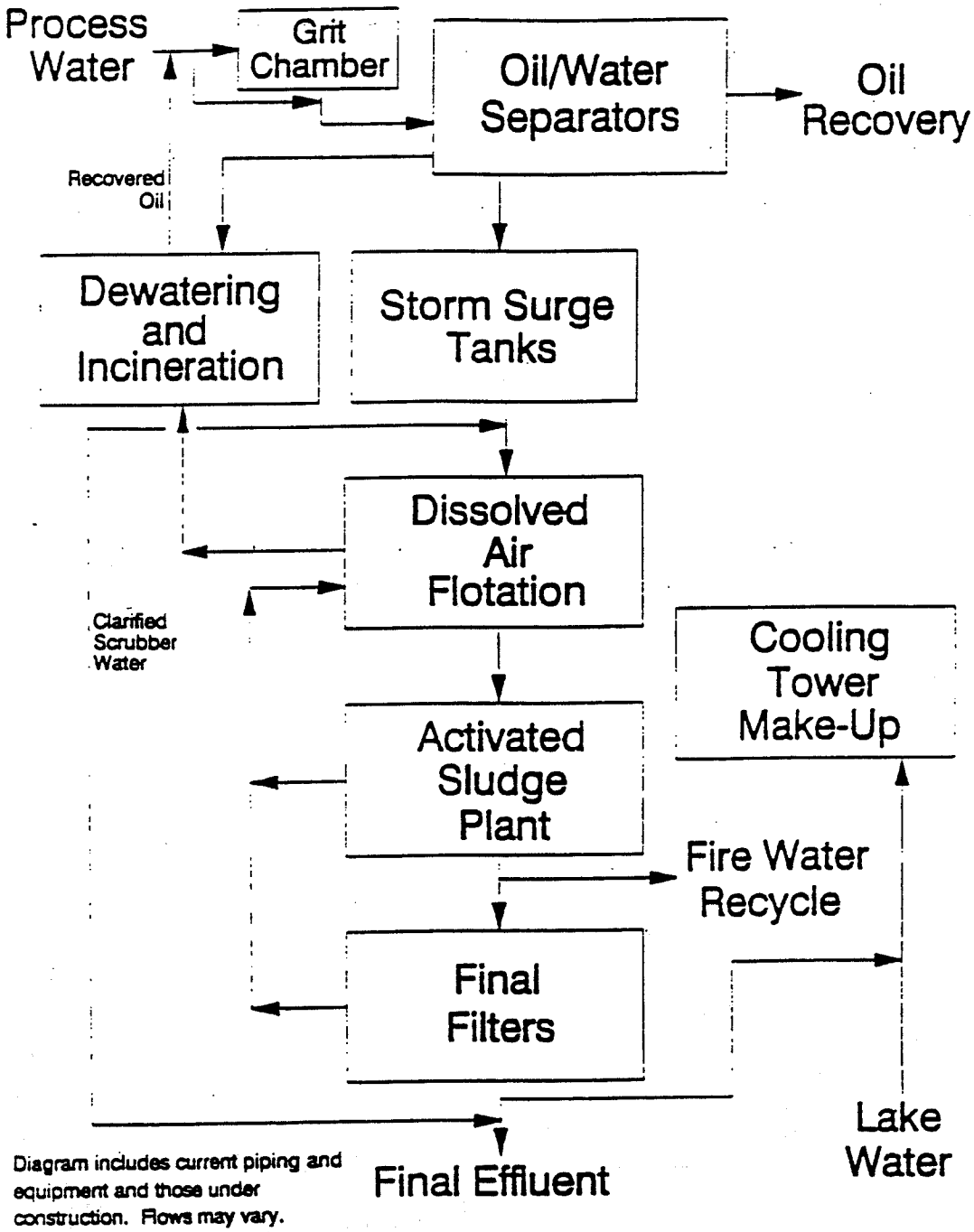
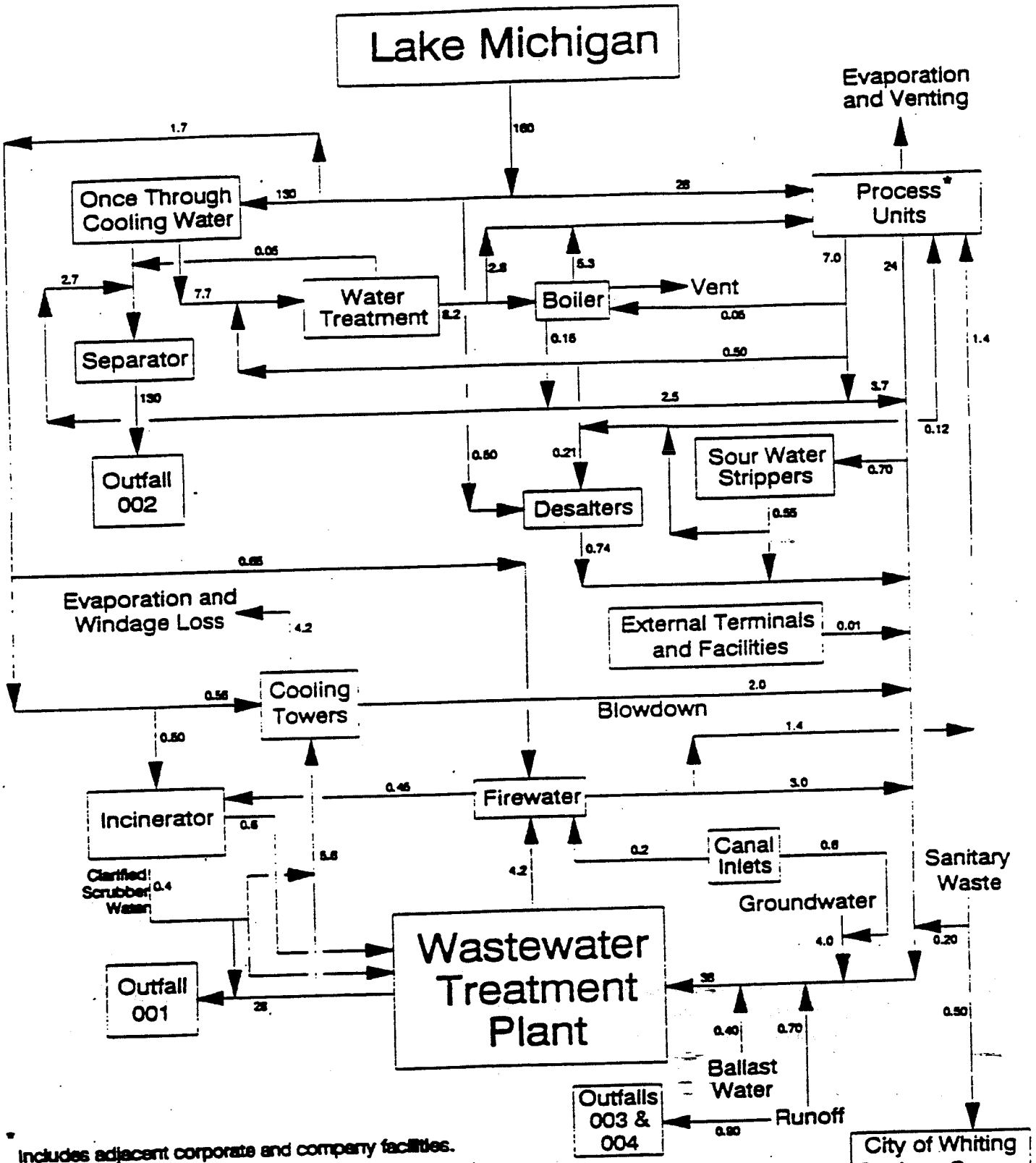


Diagram includes current piping and equipment and those under construction. Flows may vary.

Water & Wastewater Flow Diagram

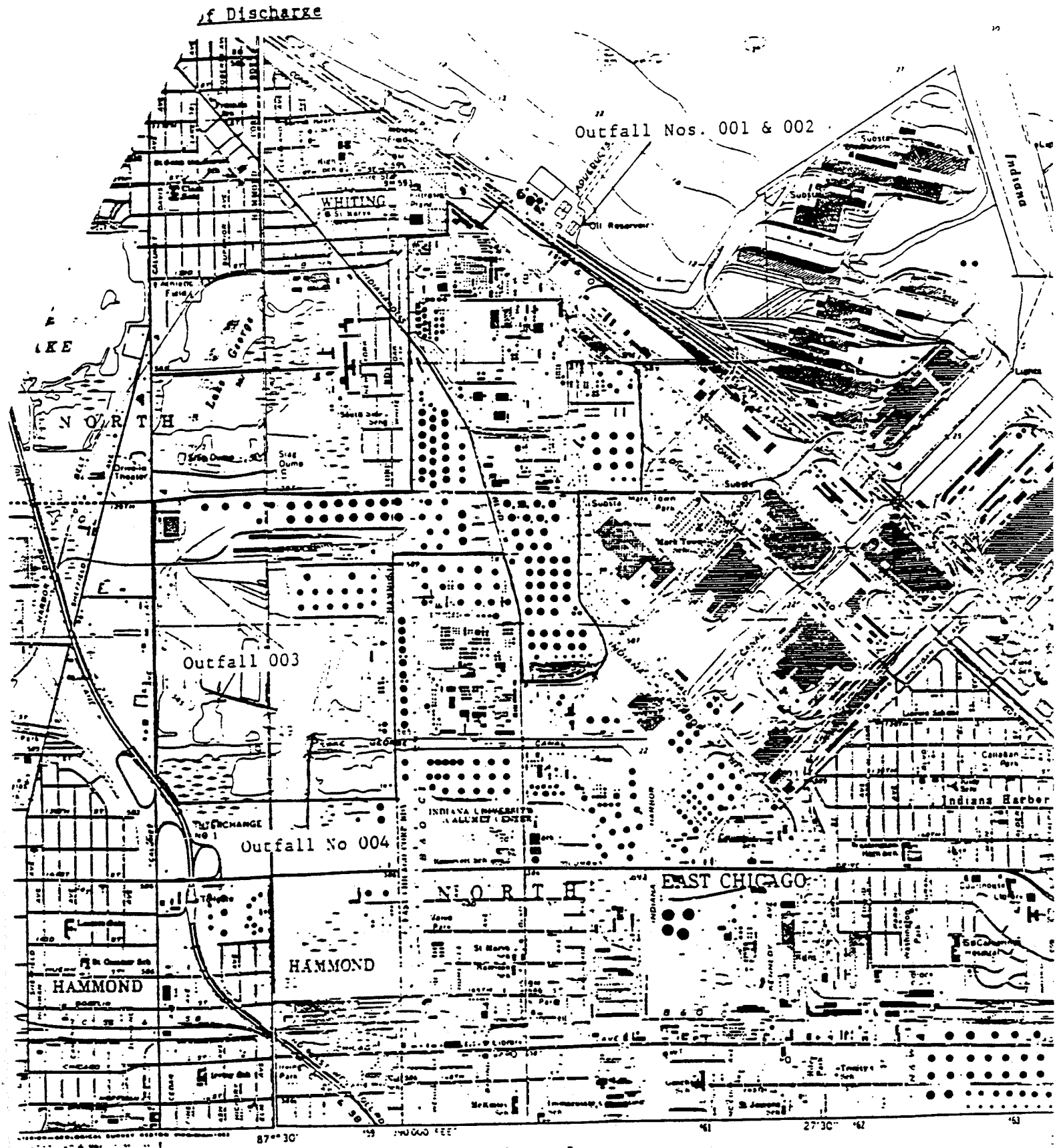
(Million Gallons per Day)



* Includes adjacent corporate and company facilities.

Deviations from an exact mass balance due to rounding.
All Flows are not necessarily running at all times.
Arrows indicate current piping and piping under construction.

Attachment I



U.S. Department of Transportation

United States Coast Guard

COMMANDING OFFICER

NOTICE OF FEDERAL INTEREST FOR AN OIL POLLUTION INCIDENT

COMMANDING OFFICER
USCG MSO CHICAGO
215 W 83rd STREET
BURR RIDGE, IL 60521-7059

14 JUNE 94

Gentlemen:

On or about 1745 13 JUNE 94, an oil pollution incident occurred or threatens to occur at ~~AMOCO whiting, IND~~ E CHICAGO SHIP CANAL. You may be financially responsible for that incident. Under Federal Statutes, the United States Government may take action to minimize or mitigate damage to the public health or welfare that is threatened or that may be caused by this incident.

Under the Oil Pollution Act of 1990, the responsible party is liable for, among other things, removal costs and damages resulting from this incident. The failure or refusal of the responsible party to provide all reasonable cooperation and assistance requested by the Federal On-Scene Coordinator (OSC) will eliminate any defense or entitlement to limited liability which otherwise might be available under the Act.

You are advised that your failure to properly carry out the removal of the discharge as ordered by the OSC or to comply with any administrative orders necessary to protect the public health and welfare, may subject you to additional penalties. For such failure, owners, operators, or persons in charge of the vessel or facility from which the oil is discharged are subject under the Federal Water Pollution Control Act (FWPCA), as amended, to a civil penalty of up to $25,000 per day of violation or up to 3 times the costs incurred by the Oil Spill Liability Trust Fund. Should you require further information concerning this matter, please contact BM2 B J. HAWKINS at the above address and telephone number.

As long as the OSC determines that you are taking adequate actions in this matter, Federal removal action will usually be limited to monitoring the progress of your actions and providing guidance as necessary. Under the FWPCA, as amended, your response actions may be taken into account in determining the amount of any penalty assessed as a result of the discharge.

Sincerely,

By Direction

Received and Acknowledged:

Witness(es): MST3

U.S. ENVIRONMENTAL PROTECTION AGENCY

REGION V

Central DISTRICT OFFICE

STATE NOTIFICATION OF INSPECTION

Authority: _____ SECTION 114(d)(1)-CLEAN AIR ACT, AS AMENDED

_____ CWA, _____ TSCA, _____ RCRA, _____ SWDA

Source Name Amoco, Whiting, Indiana

Address

City

State

Person Notified Sam Gibson 317-243-5042

Title

Organization

Date of Notification ~~7-12-94~~ 6-27-94

Planned Date of Inspection 7-12-94

Purpose of Inspection (compliance monitoring, Enforcement Division request etc.)

CEI

Scope

Person Giving Notice [illegible]

Title Environmental Scientist

Organization US EPA / ESD / CDO

[signature]
(Signature)
CDO

LABORATORY QUALITY ASSURANCE CHECKLIST (continued)

E. Data Handling and Reporting

YES	NO	N/A	
			1. Round-off rules are uniformly applied.
✓			2. Significant figures are established for each analysis.
✓			3. Provision for cross-checking calculations is used.
✓			4. Correct formulas are used to reduce to simplest factors for quick, correct calculations.
✓			5. Control chart approach and statistical calculations for quality assurance and report are available and followed.
✓			6. Report forms have been developed to provide complete data documentation and permanent records and to facilitate data processing.
✓			7. Data are reported in proper form and units.
✓			8. Laboratory records are kept readily available to regulatory agency for required period of time.
✓			9. Laboratory notebook or preprinted data forms are permanently bound to provide good documentation.
✓			10. Efficient filing system exists enabling prompt channeling of report copies.

F. Laboratory Personnel

✓			1. The analyst has appropriate training
✓			2. The analyst follows the specified procedures
✓			3. The analyst is skilled in performing analyses

Larry Watkins, Supervisor

LABORATORY QUALITY ASSURANCE CHECKLIST (continued)

C. Laboratory Facilities and Equipment (continued)

YES	NO	N/A	
✓			8. Standards are available to perform daily check procedures.
✓			9. Written trouble-shooting procedures for instruments are available.
✓			10. Schedule for required maintenance exists.
✓			11. Proper volumetric glassware is used.
✓			12. Glassware is properly cleaned.
✓			13. Standard reagents and solvents are properly stored.
✓			14. Working standards are frequently checked.
✓			15. Standards are discarded after shelf life has expired.
✓			16. Background reagents and solvents run with every series of samples.
✓			17. Written procedures exist for cleanup, hazardous response methods, and applications of correction methods for reagents and solvents.
✓			18. Gas cylinders are replaced at 100-200 psi.

D. Laboratory's Precision, Accuracy, and Control Procedures

✓			1. A minimum of seven replicates is analyzed for each type of control check and this information is on record.
✓			2. Plotted precision and accuracy control charts are used to determine whether valid, questionable, or invalid data are being generated from day to day.
✓			3. Control samples are introduced into the train of actual samples to ensure that valid data is being generated.
✓			4. The precision and accuracy of the analyses are good.

LABORATORY QUALITY ASSURANCE CHECKLIST

A. General

YES	NO	N/A	
✓			1. Written laboratory quality assurance manual is available.

B. Laboratory Procedures

✓			1. EPA approved analytical testing procedures are used.
---		✓	2. If alternative analytical procedures are used, proper approval has been obtained.
✓			3. Calibration and maintenance of instruments and equipment is satisfactory.
✓			4. Quality control procedures are used.
✓			5. Quality control procedures are adequate.
			6. Duplicate sample are analyzed 10 % of time. all parameters
			7 Spiked samples are used 10 % of time.
			8. Commercial laboratory is used: Total residual chlorine Name: Microbac Laboratories, Inc. Address: 542 - 544 Conkey Street Contact: Hammond, Indiana Phone: 219 - 937 - 1770

C. Laboratory Facilities and Equipment

✓			1. Proper grade distilled water is available for specific analysis.
✓			2. Dry, uncontaminated compressed air is available.
✓			3. Fume hood has enough ventilation capacity.
✓			4. The laboratory has sufficient lighting.
✓			5. Adequate electrical sources are available.
✓			6. Instruments/equipment are in good condition.
✓			7. Written requirements for daily operation of instruments are available.

FLOW MEASUREMENT

C. Flow Measurment Inspection Checklist - Weirs

YES	NO	N/A	
			1. What type of weir is being used? no weir
YES	NO	N/A	2. The weir is exactly level.
			3. The weir plate is plumb and its top edges are sharp and clean.
			4. There is free access for air below the nappe of the weir.
			5. Upstream channel of weir is straight for at least four times the depth of water level, and free from disturbing influences.
			6. The stilling basin of the weir is of sufficient size and clear of debris.
			7. Head measurements are properly made by facility personnel.
		✓	8. Proper flow tables are used by facility personnel.

D. Flow Measurement Inspection Checklist - Other Flow Devices

			1. Type of flowmeter used: Annubar
			2. What are the most common problems that the operator has had with the flowmeter? no problem
			3. Measure Wastewater flow: 10-12 mgd; Recorded flow: _____ mgd; Error _____ %
			4. Design flow: 37 mgd.
✓			5. Flow totalizer is properly calibrated.
			6. Frequency of routine inspection by proper operator: 12 /day. ~~day~~
			7. Frequency of maintenance inspections by plant personnel: 4/year /~~year~~
			8. Frequency of flowmeter calibration: _____ /month. once every three months
✓			9. Flow measurement equipment adequate to handle expected ranges of flow rates.
		✓	10. Venturi meter is properly installed and calibrated.
		✓	11. Electromagnet flowmeter is properly calibrated.

FLOW MEASUREMENT

A. Flow Measurement Inspection Checklist-General

YES	NO	N/A	
			1. Primary flow measurement device is properly installed and maintained.
✓			2. Flow records are properly kept.
✓			3. Sharp drops or increases in flow value are accounted for.
✓			4. Actual flow discharge is neasured.
✓			5. Influent flow is measured before all return lines.
✓			6. Effluent flow is measured after all lines.
✓			7. Secondary instruments (totalizers, recorders, etc.) are properly operated and maintained
✓			8. Spare parts are stocked.

B. Flow Measurement Inspection Checklist-Flumes

			1. Flow intering flume appears reasonably well distributed across the channel and free of turbulence, boils, or other distortions.
			2. Cross-section velocities at entrance are relatively uniform.
			3. Flume is clean and is free of debris or deposits.
			4. All dimensions of flume are accurate.
			5. Side walls of flume are vertical and smooth.
			6. Sides of flume throat are vertical and parallel.
			7. Flume head is being measured at proper location.
			8. Measurement of flume head is zeroed to flume crest.
			9. Flume is of proper size to measure range of existing flow.
		✓	10. Flume is operating under free-flow conditions over existing range of flows.

PERMITTEE SAMPLING INSPECTION CHECKLIST

A. Permittee Sampling Evaluation

YES	NO	N/A	
✓			1. Samplings are taken at sites specified in permit.
✓			2. Locations are adequate for representative samples.
		✓	3. Flow proportioned samples are obtained where required by permit.
✓			4. Sampling and analysis completed on parameters specified by permit.
✓			5. Sampling and analysis done in frequency specified by permit.
✓			6. Permittee is using method of sample collection required by permit. Required Method: _____ If not, method being used is: (✗) Grab ( ) Manual composite (✗) Automatic composite
✓			7. Sample collection procedures are adequate:
✓			a. Samples refrigerated during compositing
✓			b. Proper preservation technique used
✓			c. Container and sample holding times before analyses conform with 40 CFR 136.3
✓			8. Monitoring and analyses are performed more often than required by permit. If so, results reported in permittee's self-monitoring report.

B. Sampling Inspection Procedures and Observations

			1. Grab samples obtained
			2. Composite sample obtained Composite frequency _____ Preservation _____
			3. Sample refrigerated during compositing.
			4. Flow proportioned sample obtained.
			5. Sample obtained from facility sampling device.
			6. Sample representative of volume and nature of discharge.
			7. Sample split with permitee.
		✓	8. Chain of custody procedures employed.

FACILITY SITE REVIEW CHECKLIST

YES	NO	N/A	
	✓		17. Hydraulic and/or organic overloads are experienced. Reason for overloads _____
✓			18. Up-to-date equipment repair records are maintained.
✓			19. Dated tags show out of service equipment.
✓			20. Routine and preventive maintenance are scheduled, performed on time.

FACILITY SITE REVIEW CHECKLIST

YES	NO	N/A	
✓			1. Standby power or other equivalant provision is provided.
✓			2. Adequate alarm system for power or equipment failures is available.
✓			3. POTW handles and disposes of sludge according to applicable Federal, State, and local regulators.
✓			4. All treatment units, other than back-up units, are in service.
✓			5. Procedures for facility operation and maintenance exist.
✓			6. Organization plan (chart) for operation and maintenance is provided.
✓			7. Operating schedules are established.
✓			8. Emergency plan for treatment control is established.
			9. Operating management control documents are current and include:
✓			a. Operating report
✓			b. Work schedule
✓			c. Activity report (time cards)
			10. Maintenance record system exists and includes:
✓			a. As-built drawings
✓			b. Shop drawings
✓			c. Construction specifications
✓			d. Maintenance history
✓			e. Maintenance costs
✓			11. Adequate number of qualified operators are on hand.
✓			12. Established procedures are available for training new operators.
✓			13. Adequate spare parts and supplies inventory and major equipment specifications are maintained.
✓			14. Instruction files are kept for operation and maintenance of each item of major equipment.
✓			15. Operation and maintenance manual is available.
		✓	16. Regulatory agency was notified of bypassing. (Dates _____)

RECORDS, REPORTS, AND SCHEDULES CHECKLIST

D. POTW Pretreatment Requires Review

YES	NO	N/A	THE FACILITY IS SUBJECT TO PRETREATMENT REQUIREMENTS
			1. Status of POTW Pretreatment Program
			a. The POTW Pretreatment Program has been approved by EPA. (If not, is approval in progress? _____)
			b. The POTW is in compliance with the Pretreatment Program Compliance Schedule. (If not, what is due, and intent of the POTW to remedy)
			2. Status of Compliance with Categorical Pretreatment Standards.
			a. How many industrial users of the POTW are subject to Federal or State Pretreatment Standards? _____
			b. Are these industries aware of their responsibility to comply with applicable standards?
			c. Have baseline monitoring reports (403.12) been submitted for these industries?
			i. Have categorical industries in noncompliance (on EMR reports) submitted compliance schedules?
			ii. How many categorical industries on compliance schedules are meeting the schedule deadlines? _____
			d. If compliance deadlines has passed, have all industries submitted 90 day compliance reports?
			e. Are all categorical industries submitting the required semiannual report?
			f. Are all new industrial discharges in compliance with new source pretreatment standards?
			g. Has the POTW submitted its annual pretreatment report?
			h. Has the POTW taken enforcement action against noncomplying industrial users?
			i. Is the POTW conducting inspections of industrial contributors?
		✓	3. Are the industrial users subject to Prohibited Limits (403.5) and local limits more stringent tha EPA in compliance? (If not , explain why, including need for revision limits.)

RECORDS, REPORTS, AND SCHEDULES CHECKLIST

B. Recordkeeping and Reporting Evaluation (continued)

YES	NO	N/A	
			8. Pretreatment records are adequate and included:
		✓	a. Industrial Waste Ordinanace (or equivelant documents)
		✓	b. Inventory of industrial waste contributors, including:
		✓	1. Compliance records
		✓	2. User charge information
✓			9. SPCC properly completed, when required.
✓			10. Best Management Practices Program available, when required.

C. Compliance Schedule Status Review

✓			THE PERMITEE IS MEETING THE COMPLIANCE SCHEDULE
✓			1. The permitee has obtained necessary approvals to begin construction.
✓			2. Financing arrangements are completed.
✓			3. Contracts for engineering services has been executed.
✓			4. Design plans and specifications have been completed.
✓			5. Construction has begun.
✓			6. Construction is on schedule.
✓			7. Equipment acquisition is on schedule.
		✓	8. Construction has been completed.
		✓	9. Start-up has begun.
	✓		10. The permittee has requested an extension of time.
		✓	11. The permittee has met compliance schedule.

RECORDS, REPORTS, AND SCHEDULES CHECKLIST

A. PERMIT VERIFICATION

YES	NO	N/A	INSPECTION OBSERVATION CONTAINED IN PERMIT
✓			1. Correct name and mailing address of permittee.
✓			2. Facility is as described in permit.
✓			3. Notification has been given to EPA/State of new, different, increased discharges.
✓			4. Accurate records of influent volume are maintained, when appropriate.
✓			5. Number and location of discharge points are as described in the permit.
✓			6. Name and location of receiving waters are correct.
✓			7. All discharges are permitted.

B. RECORDKEEPING AND REPORTING EVALUATION

✓			RECORDS AND REPORTS ARE MAINTAINED AS REQUIRED BY PERMIT
✓			1. All required information is available, complete, and current; and
✓			2. Information is maintained for required period.
✓			3. Analytical results are consistent with the data reported on the IMR's.
			4. Sampling and Analysis Data are adequate and include:
✓			a. Dates, times, location of sampling
✓			b. Name of individual performing sampling
✓			c. Analytical methods and techniques
✓			d. Results of analysis
✓			e. Dates of analysis
✓			f. Name of person performing analysis
✓			g. Instantaneous flow at grab sample stations
			5. Monitoring records are adequate and include
✓			a. Flow, pH, D.O., etc. as required by permit
✓			b. Monitoring charts
✓			6. Laboratory equipment calibration and maintenance records are adequate.
			7. Plant Records are adequate* and include
✓			a. O&M Manual
✓			b. "As-built" engineering drawings
✓			c. Schedules and dates of equipment maintenance and repairs
✓			d. Equipment supplies manual
✓			e. Equipment data cards

* Required only for facilities built with Federal construction grant funds.

NPDES No. IN0000108

Facility Name Amoco Oil Company

City and State Whiting, Indiana

Date of Inspection 7-12-94

United States Environmental Protection Agency
Washington, D. C. 20460

EPA

NPDES Compliance Inspection Report

Form Approved
OMB No. 2040-0003
Approval Expires 7-31-85

Section A: National Data System Coding

Transaction Code		NPDES	yr/mo/day	Inspection Type	Inspector	Fac Type
1 N	2 5	3 IN0000108 11	12 940712 17	18 C	19 R	20 2

Remarks

21 ... 66

Reserved	Facility Evaluation Rating	BI	QA	Reserved	
67 ___ 69	70 3	71 N	72 N	73 ___ 74	75 ___ 80

Section B: Facility Data

Name and Location of Facility Inspected	Entry Time/Date	Permit Effective Date
Amoco Oil Company 2815 Indianapolis Blvd. Whiting, Indiana	☑ AM ☐ PM 9:15	April 1, 1990
	Exit Time/Date 2:00pm 7-12-94	Permit Expiration Date Feb 18, 1995

Name(s) of On-Site Representative(s)	Title(s)	Phone No(s)
Joseph E. Naccache	Superintendent Water Quality	219-473-3740
Mary Brochmiller	Water Engineer	219-473-5056

Name, Address of Responsible Official	Title	Contacted
Richard B. Sheldon	Refinery Manager Phone No. 219-473-3179	☐ Yes ☑ No

Section C: Areas Evaluated During Inspection

(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

S	Permit	S	Flow Measurement	N/A	Pretreatment	S	Operations & Maintenance
S	Records/Reports	S	Laboratory	S	Compliance Schedules	S	Sludge Disposal
S	Facility Site Review	S	Effluent/Receiving Waters	S	Self-Monitoring Program		Other:

Section D: Summary of Findings/Comments *(Attach additional sheets if necessary)*

Name(s) and Signature(s) of Inspector(s)	Agency/Office/Telephone	Date
[signature]	US EPA, ESD, CDO 353-9455	8-30-94
Signature of Reviewer	Agency/Office	Date

Regulatory Office Use Only

Action Taken	Date	Compliance Status
		☐ Noncompliance ☐ Compliance

EPA Form 3560-3 (Rev. 3-85) Previous editions are obsolete.

quality assurance manuals are quickly available for review and inspection.

Based on the permittee's monthly DMR reports for the six month period from December 1993 through May 1994, the facility was rated satisfactory for all areas listed on Page 1, Section C of 3560-3 Form. At the time of this inspection, the effluent at Outfall 001 was brownish in color with no oil sheen on the surface at the effluent/ receiving waters. The effluent at Outfall 002 was clear. There was no discharge flow at Outfalls 003 and 0004.

If you have any questions regarding this inspection, please contact me at 353-9153.

Attachments:

* - EPA Form 3560-3 with the check list
* - State Notification Sheet
* - Attachment I - Location of Discharge
* - Attachment II - Description of Existing Discharge
* - Attachment III - DMR reports for December 1993 through May 1994
* - Amended Notice of Intent to Perform Earthwork
* - Notice of Federal Interest for an Oil Pollution Incident dated June 14, 1994
* - Statement Forms dated June 14 and 16, 1994

period from December 1993 through May 1994, revealed that the facility did not exceeded numerical limits contained in the NPDES permit.

B. As required by NPDES permit, Part I, A. (6), the study plan, "CDD/CDF Sampling & Analysis Plan" was submitted to IDEM on June 30, 1990 for approval. The CDD/CDF Sampling and Analysis Plan had been approved by IDEM on August 1, 1990. This study plan has been developed to identify and quantify any significant sources of chlorinated dibenzo dioxins and furans in the refinery wastewater and process streams. The plan includes a description of process operations, flow diagrams, sample locations, reporting schedules, and a detailed quality assurance plan for sampling and analysis of CDD/CDF isomers. NPDES permit I, D. 3. and 4. The CDD/CDF Reduction Plan Status Report was submitted to IDEM on February 28, 1991. A final CDD/CDF Reduction Plan Status Report was submitted to IDEM on January 1, 1992. All the above submittal copies were submitted to you in my previous CSI and CEI reports dated September 16, 1991 and July 28, 1992, respectively.

IV. OIL SPILL INCIDENT

On July 12, 1994, an oil spill incident area was inspected at the Indiana Ship Canal from the bridge of Indianapolis Blvd. A boom was in place near the storm sewer discharge point. There was no oil sheen observed inside the boom area. However, an oil sheen was observed on the surface water floating from upstream of the Canal.

This oil spill incident occurred on June 13, 1994 at the Indiana Ship Canal on the Southeast side of the bridge of Indianapolis Blvd. It was estimated that approximately 60 barrels of oil entered the city of Whiting storm sewer which discharges to the Indiana Ship Canal. Approximately 50 barrels of oil was recovered. The oil spill source could not be determined. For more details see attached Statement Form copies dated 6/14/94 and 6/16/94.

V. SUMMARY

At the time of this inspection, all treatment units were operating normally except for oil separators (Northwest box). The oil separators (Northwest box) were down at the time of this visit. Secondary sills were being installed on the oil separator in order to meet compliance with the Benzene NESHAP requirements.

Currently the facility is processed to perform earthwork at Amoco Whiting Refinery. A copy of the Amended Notice of Intent to Perform Earthwork is attached.

The facility has an excellent and efficient filing system. All records, reports, and operation and maintenance manuals including

treated at the facility's treatment plant and discharged to Lake Michigan via Outfall #001. The facility's treatment plant is secondary activated sludge treatment plant with pH control (caustic soda), and multimedia filters. Unit processes employed in the treatment of wastewater at this plant are shown in the Attachment I (Pages #4, #5, and #6). Attachment II (Pages #6, #7, and #8) provides a detail description of existing facilities and all four Outfalls. Clarified scrubber water from the incinerator is discharged through Outfall #001. During the time of this visit the discharge flowrate was 12 MGD.

B. OUTFALL #002

Noncontact cooling water is treated in a series of API oil separators and is discharged to Lake Michigan via Outfall #002. At the time of this visit the flowrate was 110.4 MGD.

C. OUTFALLS #003 AND #004

Stormwater run-off from J&L Highlands dump area, the storage tanks area, and the repository for inert materials area is discharged through Outfalls #003 and #004 into Lake George Branch of Indiana Harbor Ship Canal. As mentioned above, the effluent discharge line for Outfall #004 was closed and the stormwater has been routed to the facility's treatment plant. The oil-water separation (Outfall #003) had some oil and needed cleaning at the time of this inspection. Mr. Skannal explained that the oil-water separation is cleaned periodically as needed.

D. SANITARY WASTE

The sanitary waste consists of washroom and shower usage only. All sanitary wastes are discharged to the Whiting sanitary sewers and then to the Hammond sanitary sewer system for treatment.

E. SLUDGE

The sludge generated at the treatment plant from API oil separators, dissolved air flotation (DAF), and activated sludge process (ASP), is incinerated in the lake-front Fluid Bed Incinerator. The ash from the incinerator and the incinerator wet scrubber solids is considered to be hazardous. The ash waste is handled by South Chicago Disposal Services, Inc. via USEPA ID Number ILD980682728 and Illinois Transporter's ID 1034. The wet scrubber solids is handled by Summit Services via USEPA ID Number ILD981958093.

III. FINDINGS

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. A review of the Discharge Monitoring Reports for the six month

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
536 SOUTH CLARK STREET
CHICAGO, ILLINOIS 60605

DATE: SEP 06 1994

SUBJECT: Compliance Evaluation Inspection (CEI) Report, Amoco Oil Company, 2815 Indianapolis Blvd., Whiting, Indiana (IN0000108) (AFE110:LA)

FROM: Stephan Wynnychenko, Environmental Scientist
Central District Office (SC-10C)

TO: Michael J. Mikulka. Chief
Compliance Section (WC-15J)

THRU: Valerie J. Jones, Chief
Central District Office (SC-10C) --Permit Related Issues

I. INTRODUCTION

On July 12, 1994, I conducted a Compliance Evaluation Inspection (CEI) at this facility in response to Water Division's request for FY'94 inspections. Eddy Depositar of the Indiana Department of Environmental Management (IDEM) participated in this inspection. The information contained in this report was provided by Mr. Gregory Skannal, Superintendent, Mary Brochmiller, Water Engineer, and Mr. Joseph Naccache, Superintendent Water Quality. I presented my credentials to Mr. Skannal prior to the inspection. Mr. Skannal gave me a tour through the plant.

II. FACILITY DESCRIPTION

The Amoco Oil Company, SIC code #2911, is engaged in the production of a variety of refined products from crude petroleum. The facility receives crude petroleum by pipeline. Currently, 1600 people are employed at this facility. Lake Michigan water is used at the facility for refining production and cooling purposes. For drinking and sanitary usage, the water comes from the Hammond-Whiting water supply system. The process wastewater and noncontact cooling water are discharged to Lake Michigan via outfalls #001 and #002, respectively. Outfalls #003 and #004 discharge stormwater to the Lake George Branch of the Indiana Harbor Ship Canal. The effluent discharge line for outfall #004 was closed and the stormwater from oil-water separation has been routed to the facility's wastewater treatment plant and discharged through outfall #001. The sanitary wastes are discharged to the Whiting sanitary sewer.

A. OUTFALL #001

The process wastewater and run-off stormwater from process areas including stormwater from oil-water separation (Outfall #004) are

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

DATE: SEP 06 1994

SUBJECT: Evaluation of ESD Product

RE: Amoco Oil Company

FROM Valerie J. Jones, Chief
Central District Office (SC-10C)

ACT # AFE110: LA

TO: Michael J. Mikulka, Chief
Compliance Section (WC-15J)

The subject product you requested is attached. Please take a few minutes to fill out this evaluation form, sign it, have it initialed by your Section and Branch Chief, and return it to me. This information will help us to better meet your needs and also provide important feedback to the staff. I have provided an addressed Special Attention envelope for your convenience. Please circle a number from 1 to 5 to indicate your level of satisfaction: 1 is unsatisfactory, 3 is average, and 5 is outstanding.

1) How well did the product satisfy your objectives? 1 2 3 4 5

2) How do you rate completeness? 1 2 3 4 5

3) How do you rate quality? 1 2 3 4 5

4) How do you rate technical competence? 1 2 3 4 5

5) How do you rate timeliness? 1 2 3 4 5

6) What is your overall rating? 1 2 3 4 5

7) What suggestions do you have for improvement? 1 2 3 4 5

8) How did you or will you use the product? 1 2 3 4 5

Rater Signature _____

Unit or Section Chief Initials _____ Date _____

FILE

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

REPLY TO THE ATTENTION OF:
WCC-15J

OCT 0 4 1994

Gary Starks
Office of Water Management
Indiana Department of Environmental Management
105 South Meridian Street
P.O. Box 6015
Indianapolis, Indiana 46206-6015

Re: U.S. EPA Inspection Reports

Dear Mr. Starks:

Enclosed are reports on U.S. EPA Inspections conducted at the following Indiana facilities:

Amoco Oil Company
IN0000108
Whiting, Indiana
9-12-94

If you have any questions regarding these inspections, please contact Ken Tenny at (312) 886-6710

Sincerely yours,

James Filippini

James L. Filippini, Chief
Enforcement Unit II

Enclosure(s)